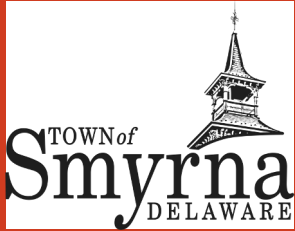




Town of Smyrna Master Parks Plan Concepts and Options



LARDNER/KLEIN
LANDSCAPE
ARCHITECTS



1. Parks and Recreation Needs

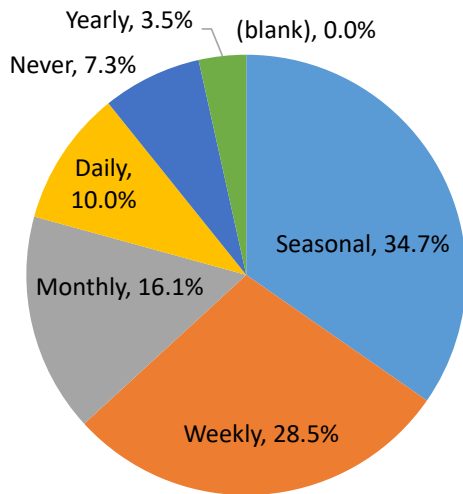
- a. How does Smyrna Compare with Similar Towns?
- b. Statewide Park and Recreation Use Patterns
- c. Results of Questionnaire, Public and School Meetings

2. Preliminary Options and Ideas

- a. Locations for a Dog Park, Splash Pad and Skate Park
- b. George Wright Municipal Park and Vicinity
- c. Lake Como and Mill Creek Parks
- d. Neighborhood Parks
 - Green Meadows Park
 - Sunnyside Park and Bon Ayre Park
 - East of US 13 (New Park)

3. Next Steps

- a. Draft Plan and Recommendations



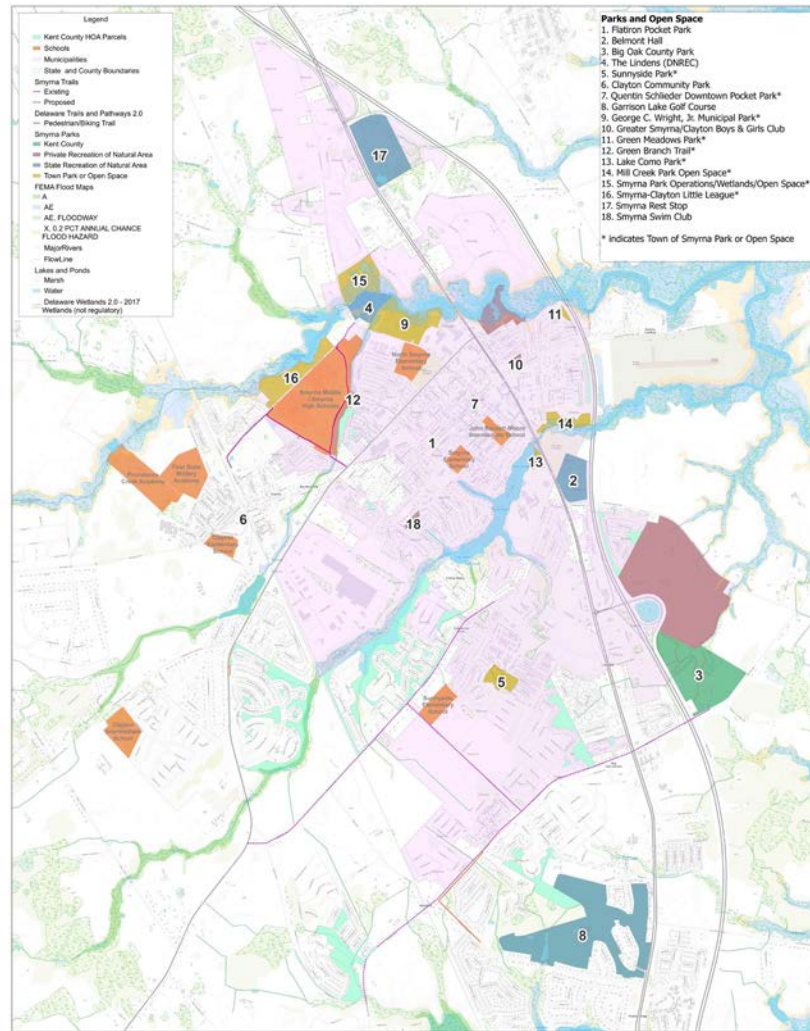
Frequency of Park Visits

Role:

- Refine vision and goals.
- Assess needs
- Set priorities
- Consider implementation and maintenance
- Help with public engagement and outreach to the community.

MASTER PARKS PLAN STEERING COMMITTEE

Anticipated Schedule	Month
a) Data Gathering and Community Questionnaire	Jan-Feb 2022
Inventory Existing Parks Conduct a community questionnaire	
b) Vision + Goals Public Meeting #1	March 12, 2022
Identify issues/challenges, needs, and opportunities and facilitate brainstorming on how to address them	Schools Outreach (April)
c) Needs Assessment Preliminary Vision, Goals and Strategies	May-August 2022
Conceptual level diagrams illustrating program and discuss needs and opportunities for each park or group of parks	
d) Preliminary Findings Public Meeting #2	August 22, 2022
Review needs and concepts for each park or park group	Schools Outreach (Sept)
e) Safe Routes to Parks	August 2022
Review pedestrian and bicycle access and connectivity to parks	
f) Draft and Final Plan	Fall 2022
Review and revise draft and final plans and submit to Town for Council action.	





EXISTING FACILITIES

Town of Smyrna													
		Quentin Schlieder Park	Downtown Pocket Park	Gardenside Park (Open Space)	George C. Wright, Jr. Municipal Park	Green Meadows Park	Green Branch Trail	Lake Como Park	Mill Creek Park (Open Space)	Smyrna Clayton LL	Sunnyside Park	The Lindens (State)	Fallston Pocket Park
Field Sport Facilities	Baseball/Softball Fields			2						12			
	Football Fields			1									
	Lacrosse												
	Soccer Fields												
	Tracks												
	Field Hockey			0									
	Multipurpose Field Area			1									
Court Sport Facilities	Tennis Courts												
	Basketball Courts			2	1						1		
	Volleyball Courts												
Picnic & Playground and Other Facilities	Playgrounds			2	1		1				1		
	Tot Lots												
	Swings			1	1						1		
	Tot Swings			1									
	Pavillion			2			1				1		
	Picnic Area			1	1		1						
Other Facilities	Gardening												
	Skate Parks			1									
	Disc Golf												
	Golf												
	Dog Areas												
	Nature Centers												
	Restrooms			1									
	Beach w/ Bath House						1						
	Boating (small craft)						1						
	Fishing						1						
	Rock Climber Equipment												
Historic Site			1								1		
Fitness Equipment													
Indoor	Basketball												
	Volleyball												
	Gym Space												
Informal Open Space	Grassy Area (mowed)	√		√				√	√	√	√	√	√
	Natural Area (woods)		√	√		√		√	√	√	√	√	√
	Natural Area (wetlands)		√	√		√	√	√	√	√	√	√	√
	Natural Surface Trail												
	Paved Trail					√							
	Scenic Overlook												
Parking			√				√	√					

[illegible]



Legend

Buffer_of_Smyrna_Parks__usable_town_

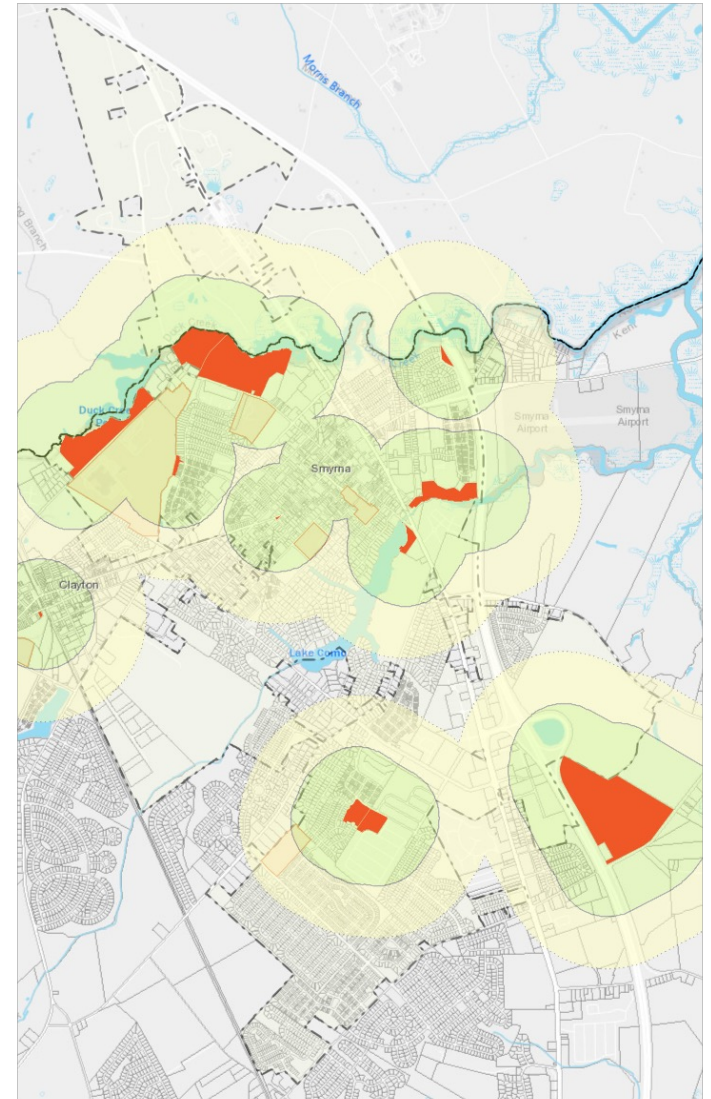
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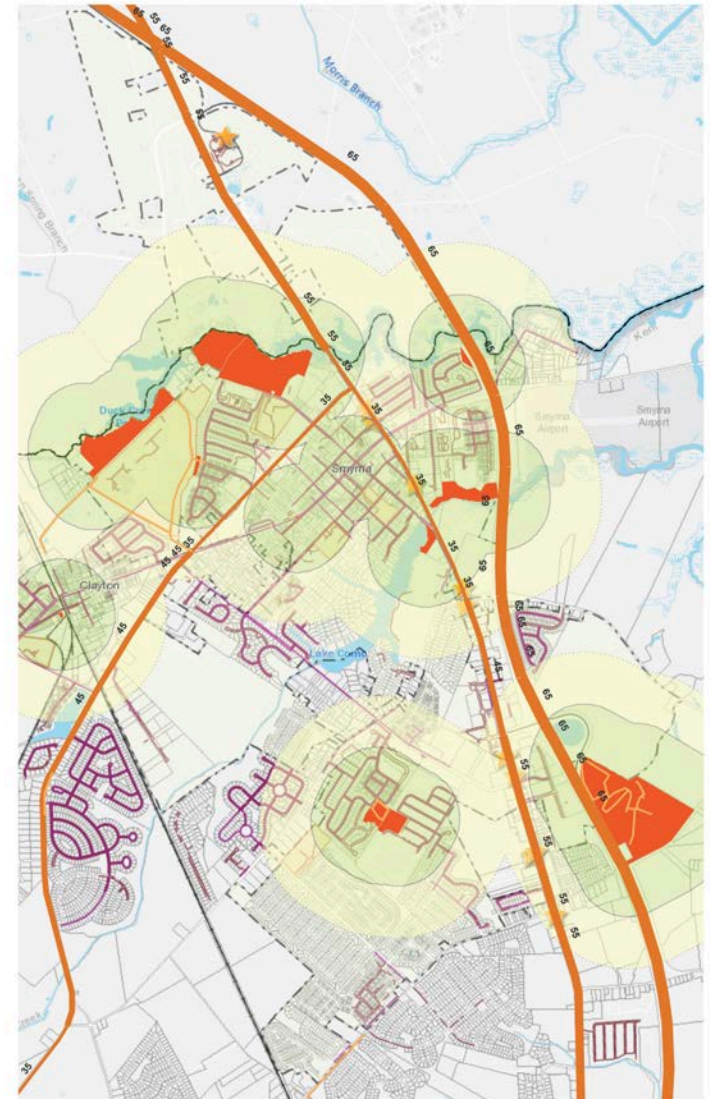
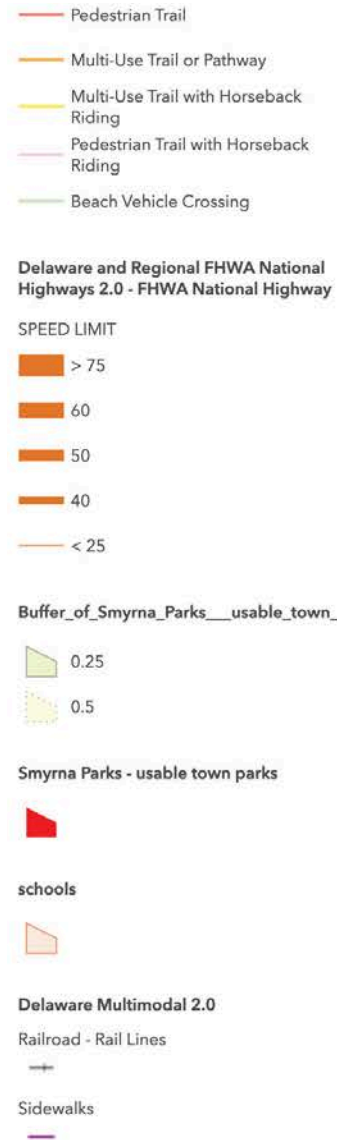
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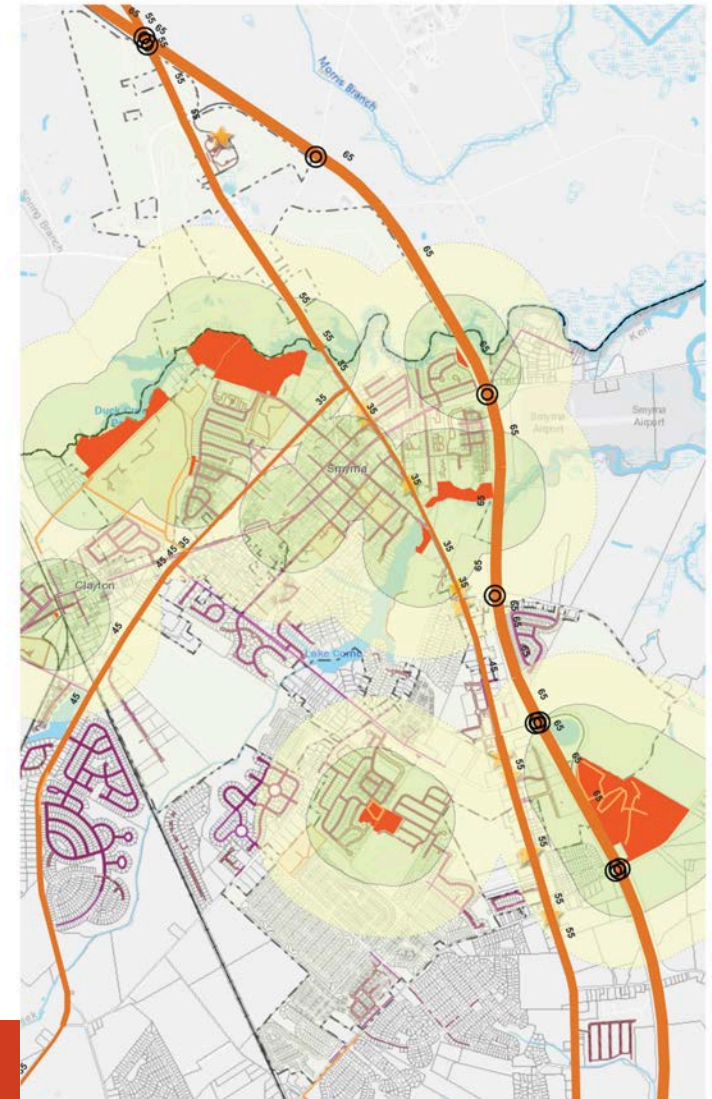
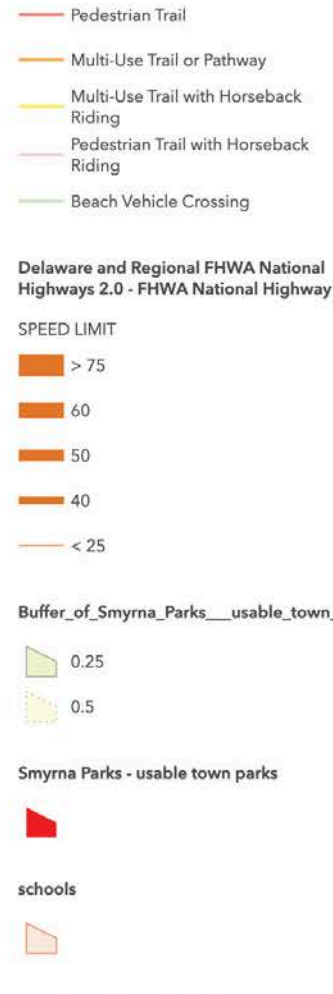
Smyrna Parks - usable town parks



schools







Smyrna Trails

- Existing
- Proposed

Delaware Kent County Parcels - Smyrna ownership

-

schools

-

SmyrnaParks-LKLA - public land

- Town Park
- Private Recreation of Natural Area
- State Recreation of Natural Area
- Kent County

Delaware Bridges 2.0 - BRIDGES

-

Safe Route to Parks Enhancements Needed

-
-

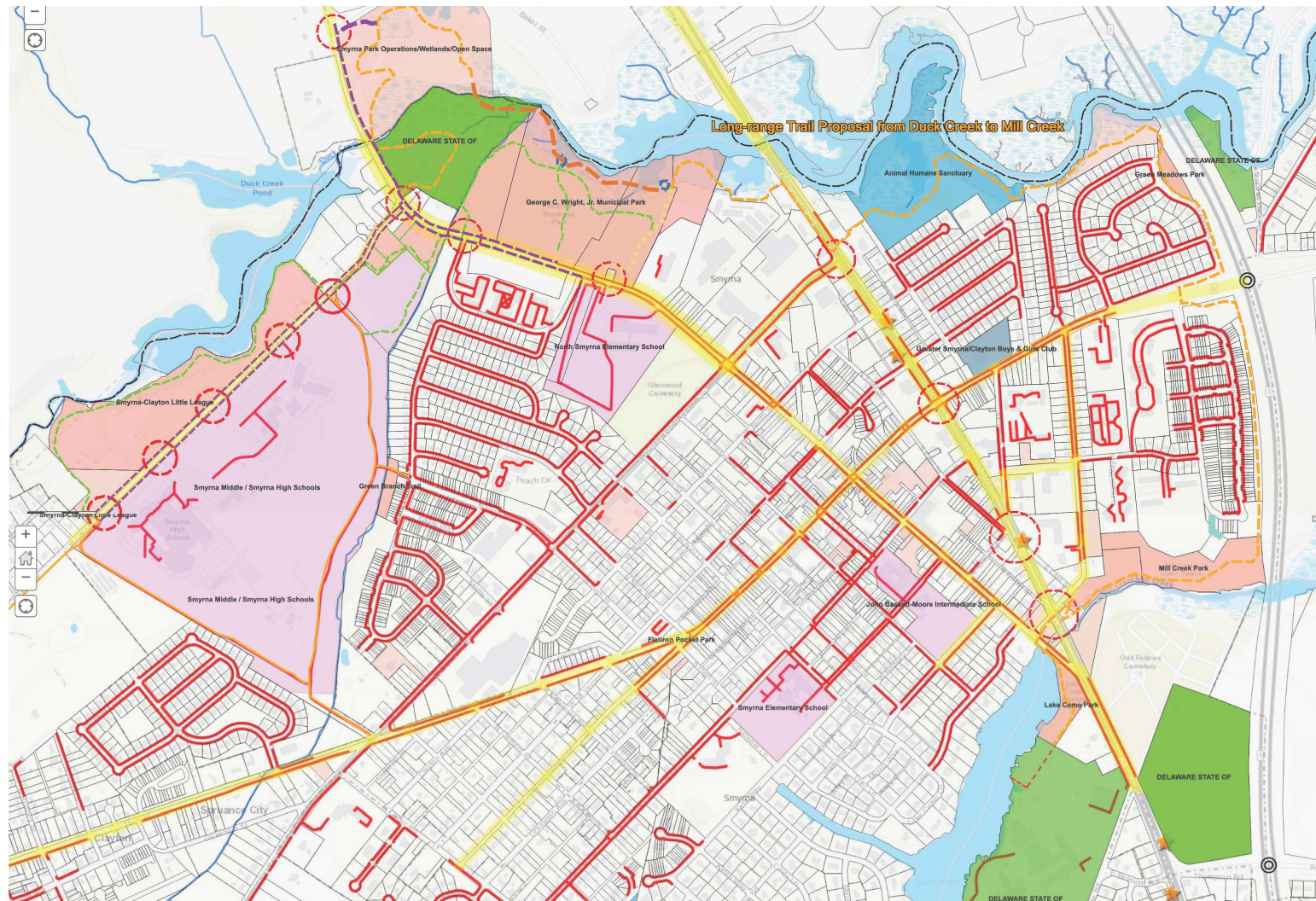
Delaware Multimodal 2.0

Sidewalks 2014

-

Transit - Bus Stops

-



TRAIL AND SIDEWALK CONNECTIONS TO PARKS

PARK METRICS:

National Recreation and Park Association

BENCHMARK:
Smyrna has fewer parks and more people per park than comparable municipalities

Agency Summary Effectiveness Ratios	Similar Park Systems (Median)	Smyrna Parkland (planning purposes)	Total Park and Recreation Use
SMYRNA Park Acreage		99.99	252.03
SMYRNA Parks		9	11
Acres of parks per 1,000 residents	25	7.60	19.17
Number of residents per park	941.2	1,461	1,195
Number of acres per park	25	11.11	22.91

PARK METRICS:

National Recreation and Park Association

***BENCHMARK:**
Smyrna has
more
playgrounds,
diamond fields
and football
fields than
comparable
municipalities
but fewer wider
rectangular
fields and multi-
use courts*

Jurisdiction population per outdoor facility	Median residents per facility for comparable communities	# Of Smyrna Facilities	Residents per facility (based on US Census Est. Pop. 2021)
a. Playgrounds	3,143	8	1,643.6
b. Tot lots	12,935	1	13,149.0
c. Community gardens	14,896	0	
d. Basketball courts	3,004	4	3,287
e. Multiuse courts -basketball, volleyball	10,006		
f. Tennis courts (outdoor only)	4,685		
g. Diamond fields: baseball - youth	2,200	6	2,192
h. Diamond fields: baseball - adult	9,013	2	6,574.5
i. Diamond fields: softball fields - youth	18,026	3	4,383.0
j. Diamond fields: softball fields - adult	18,026	3	4,383.0
k. Skate Park	23,531	1	13,149.0
l. Dog park	23,531		
m. Ice rink (outdoor only)			
n. Rectangular fields: multi-purpose	9,013		
o. Rectangular fields: cricket field	18,026		
p. Rectangular fields: field hockey field			
q. Rectangular fields: football field	18,026	1	13,149.0
r. Rectangular fields: lacrosse field			
s. Rectangular fields: soccer field - adult	3,934		
t. Rectangular fields: soccer field - youth	6,187.3		
u. Overlay field	11,765.5		
v. Multipurpose synthetic field	5,882.8		

QUESTIONNAIRE: Activity away from Town?

4. What recreational activities do you participate in that you have to go elsewhere to do (that are not available in Smyrna)?

Top Picks:

Walking

Trails of all kinds

Dog Park

419

Responses

Latest Responses

49 respondents (12%) answered **Walking** for this question.

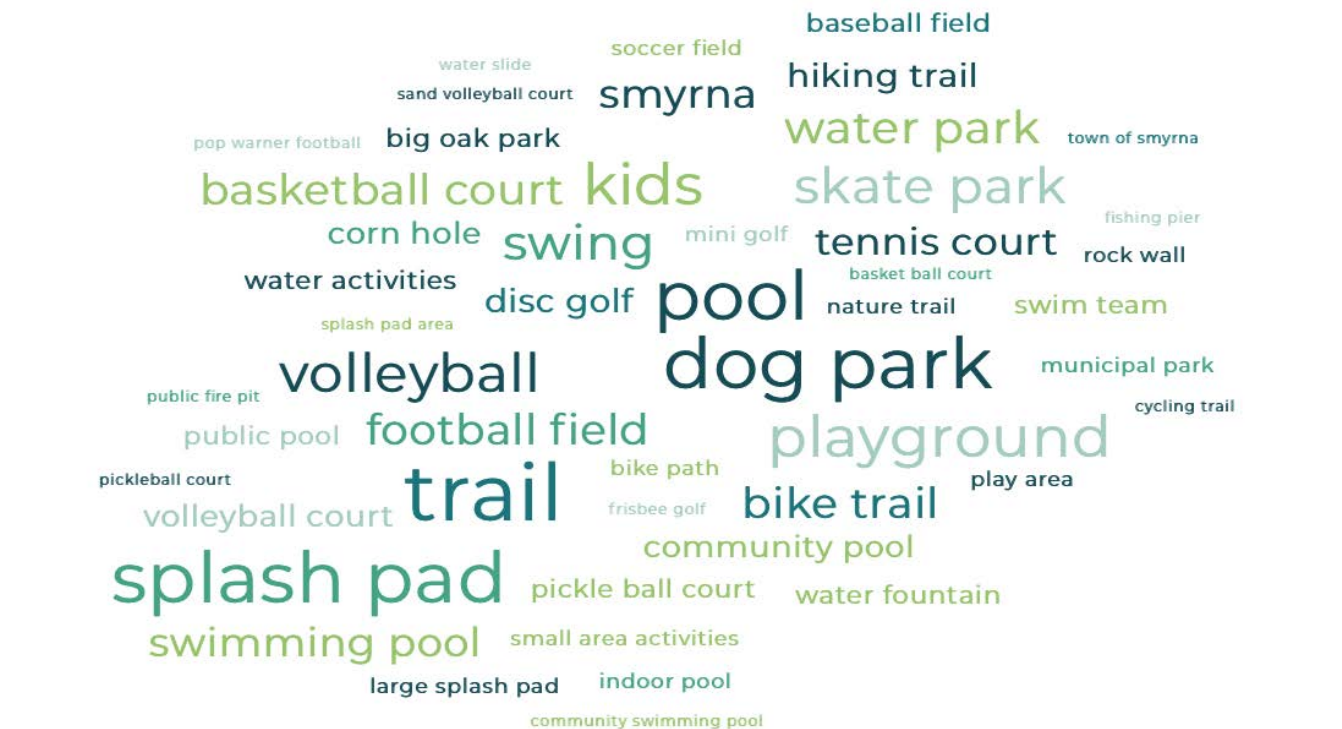
Indoor swimming trail so my kids Trail wall
Park in Smyrna rollers skating Glasgow park
State parks play **Walking** **DOG PARK**
Hiking trails
fitness trails skate park water parks bike trails walki
parks and rec park in Middletown Oak Park trampoline

[illegible]

1. *Journal of Management Studies*, 1990, 27, 1, 1-14.

1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.



QUESTIONNAIRE: New uses in park near home

Top Picks:

Trails of all kinds

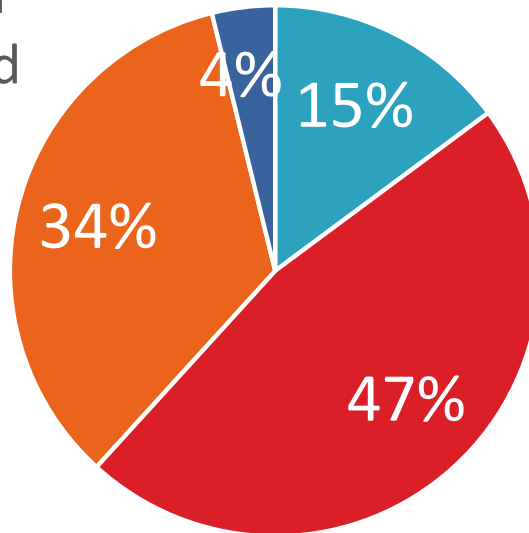
Pool

Playground



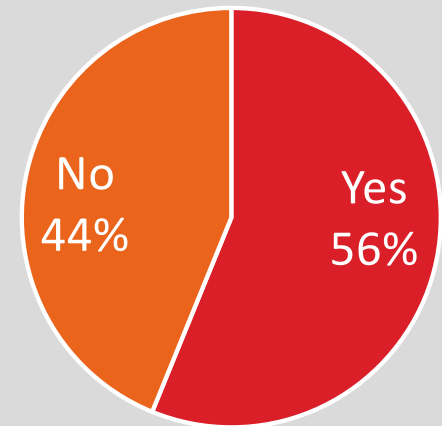
QUESTIONNAIRE: Interest in Splash Pad?

- Yes, if the splash pad were close to my home
- Yes, if there was a larger more exciting splash pad in one central location
- No, nobody in my household would use a splash pad



17 ■ Other

Do you have children under 18 at home?



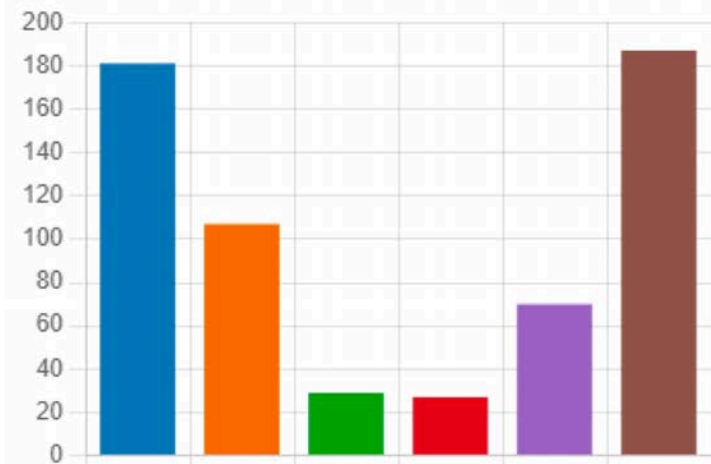
QUESTIONNAIRE: Interest in Dog Park

Slightly less than half of respondents are likely or somewhat likely to use a dog park

[76% of respondents with dogs would use a dog park]

11. The introductory questionnaire this summer indicated strong interest in a dog park. If a new dog park were built at a central location in one of the larger existing parks or at a new park, how likely would you use the dog park?

Very likely	181
Somewhat likely	107
Neither likely nor unlikely	29
Somewhat unlikely	27
Very unlikely	70
Very unlikely, I do not have a dog	187



Master Parks Plan Workshop 3-12-22



School Design Workshops

4/13/22 Middle School & 4/28/22 High School



Dog Park Options



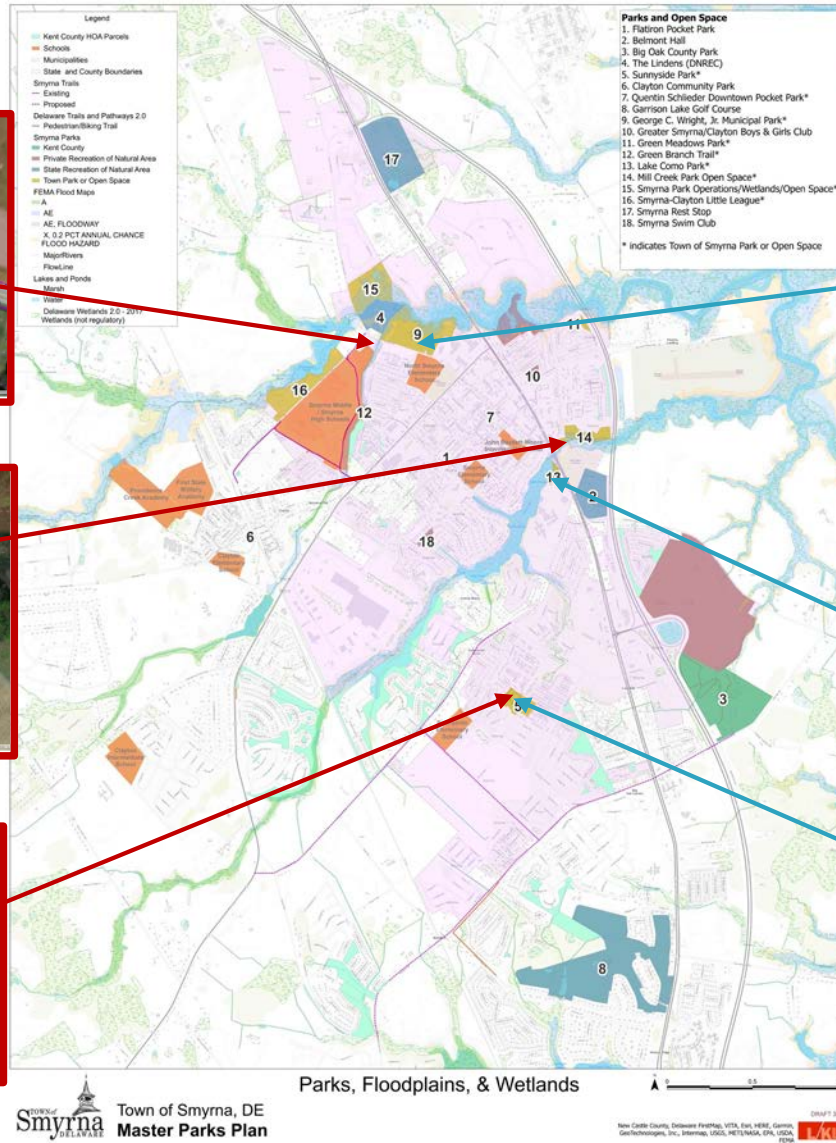
North Main Parcel



Mill Creek Parcel



Sunnyside



Splash Pad



GWMP - playground



Lake Como – new parcel



Sunnyside – playground



Dog Park Siting Criteria

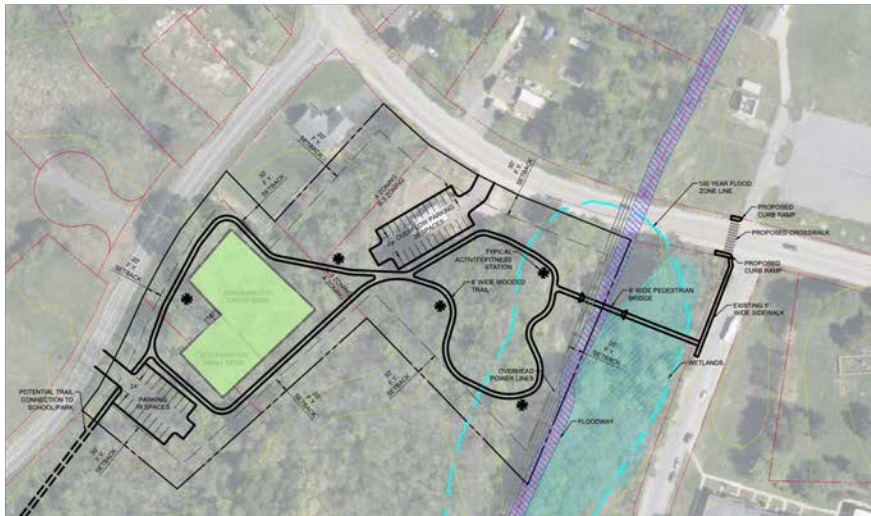
- SIZE: ½ acre to 1 acre (varies by site)
- BUFFER: avoid near residential or busy roads
- PARKING: accessible and convenient
- SOILS: permeable soils (but not too much)
- SHADE: mix of sun and shade
- ENVIRONMENT: contain/manage runoff



½ acre minimum placed as far from homes in Sunnyside Park; no shade, limited parking

Dog Park Options

North Main Parcel



+/- 0.4 acres (TOTAL)

Mill Creek Parcel



+/- ½ acre (TOTAL)

Dog Park Examples



Stone Dust



Rice Stone



Pea Gravel



Wood Chips



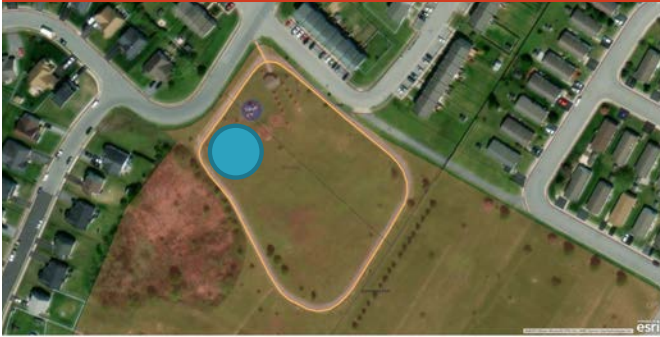
Artificial



Grass

Splash Pad Options

Sunnyside



George Wright



Lake Como/Mill Ck.



Splash Pad Siting Criteria

- Clustered with compatible activity areas (such as near a playground or pavillion)
- Away from active uses (fields and courts)
- Availability of water, power, and waste water lines (recirculating versus flow through)
- Nearby access from trail/sidewalks and adequate parking
- Restroom, benches and shade (add shade structure if no trees!)
- Building Codes and Health Department

Splash Pad Examples

Playground+Splash



*High Bridge Park
Washington Heights, NYC*

Nature Destination



*Teardrop Park
Battery Park, NYC*

Neighborhood Splash



*Lyon Village Park
Arlington, VA*



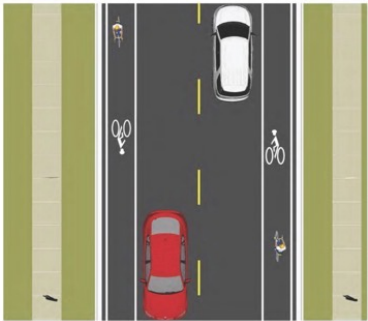


Separated Multi-use Trail

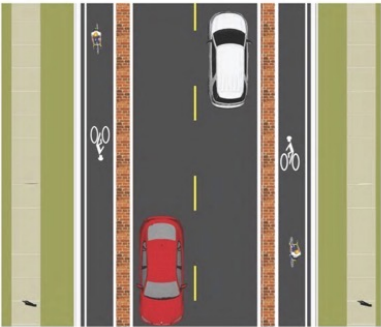


Boardwalk

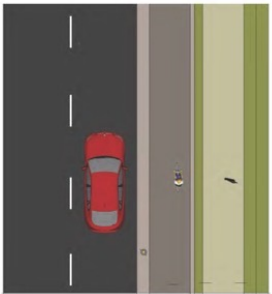
Designate and mark bike lanes



Buffered Bicycle Lanes



One- or Two-way cycle track



Courtesy of City of Alexandria, VA



Photo: County News



Photo: BC Photo: www.pedestrianmagazine.com

One-way (Cambridge, MA, left) and two-way (Vancouver, BC, right) cycle tracks



Complete Street

PEDESTRIAN AND BICYCLE FACILITY TYPES

L/KLA

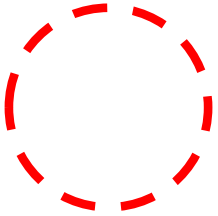
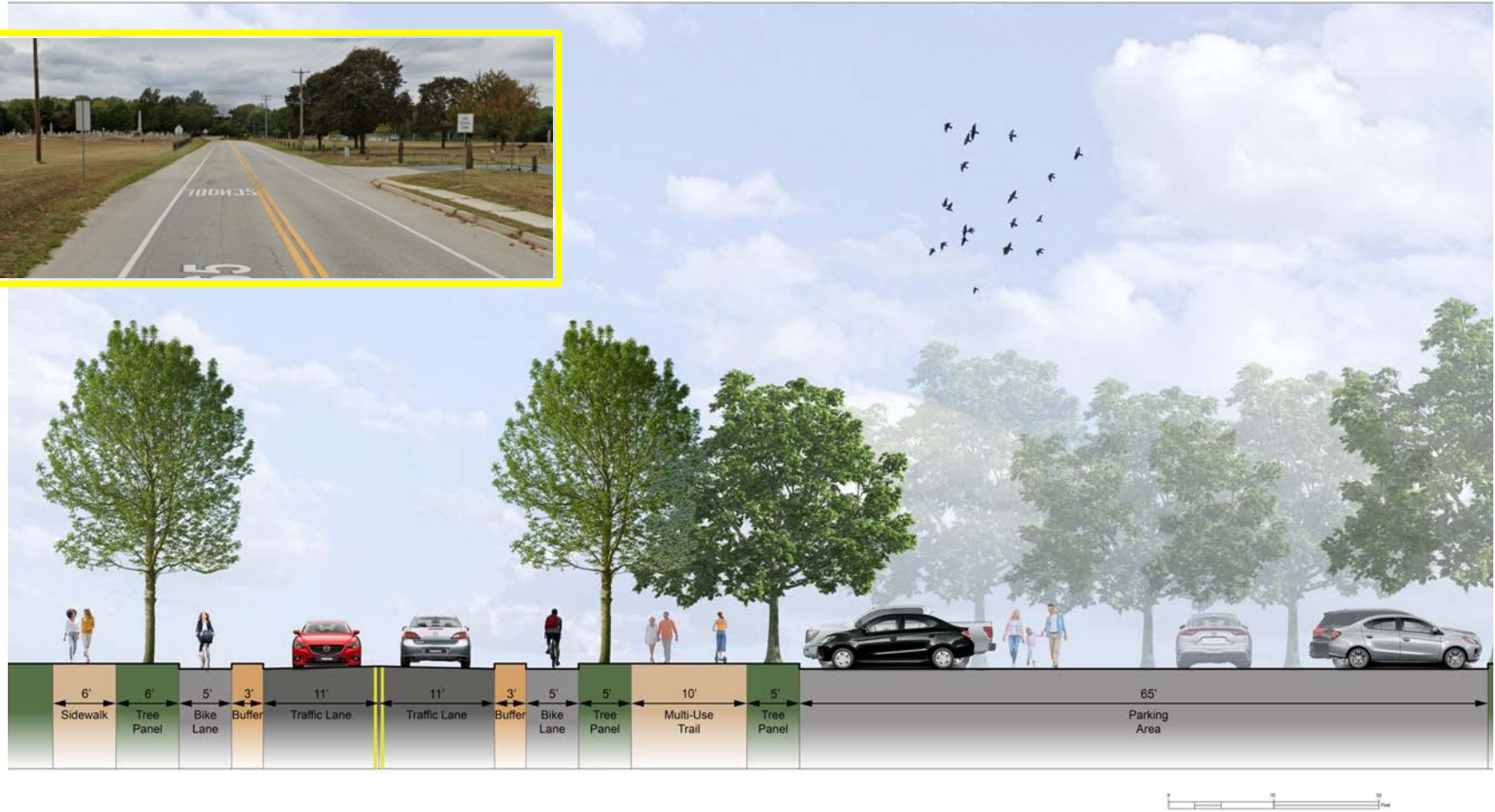


Photo: pedbikeimages.org - Dan Burden

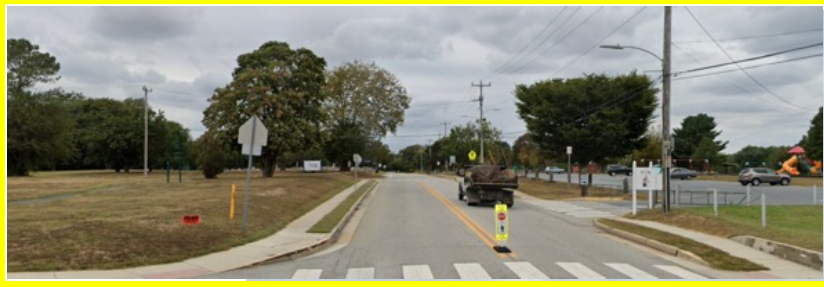
Refuge Median (Bellevue, WA)



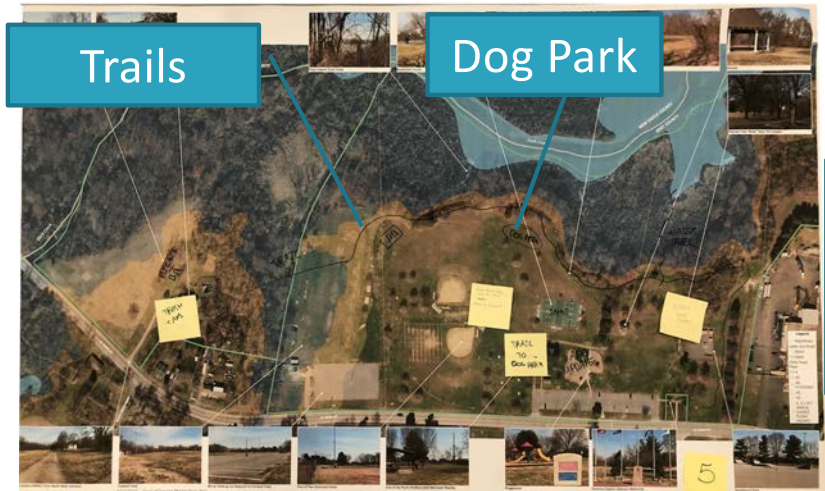
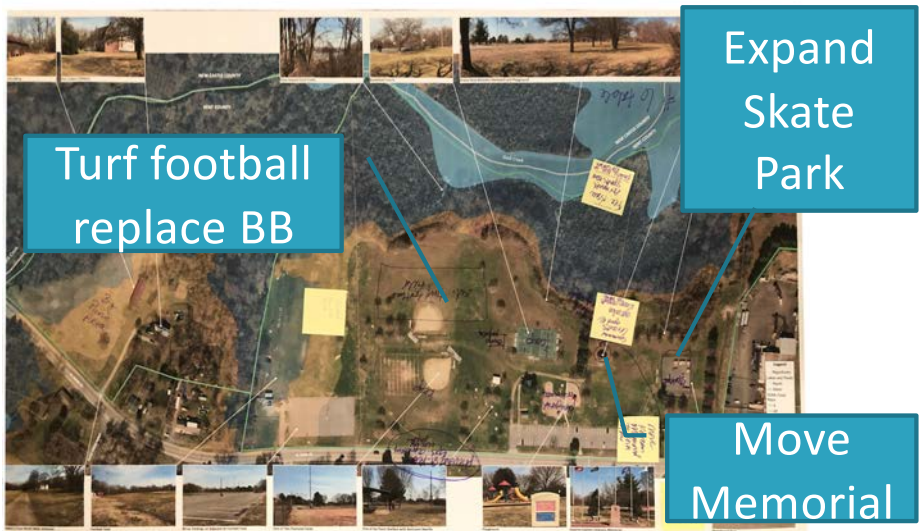
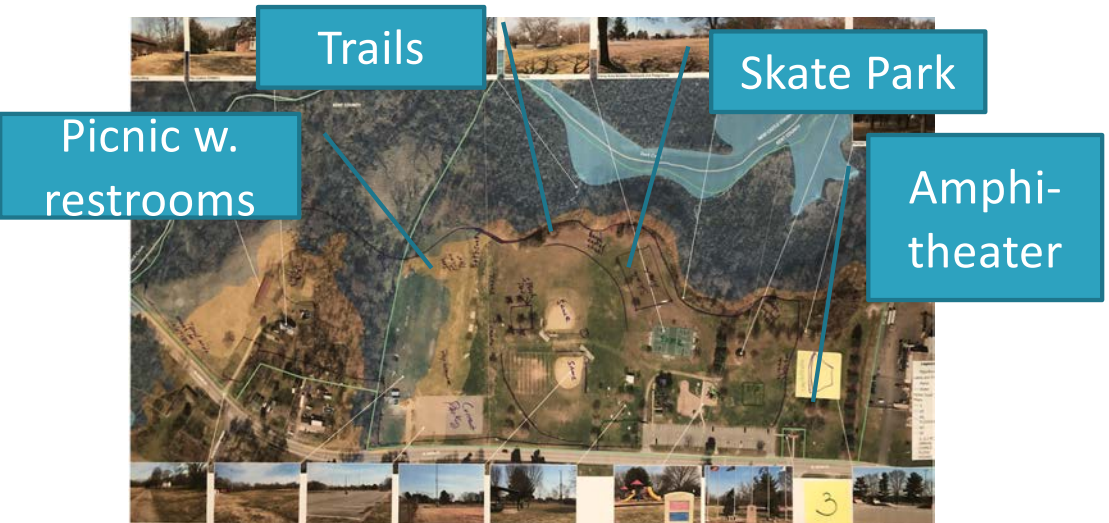
Bulbouts (Upperville, VA)



Applies north of existing Municipal Park parking lot



Applies at existing Municipal Park parking lot



MS: Move diamond fields and replace with pool, skate park, splash pad, pool dog park and rectangular fields



HS: Move football replacing 1 diamond field (replace with playgrounds, splash pads); add other court sports around BB court



 Existing Memorial and Gazebo to Remain

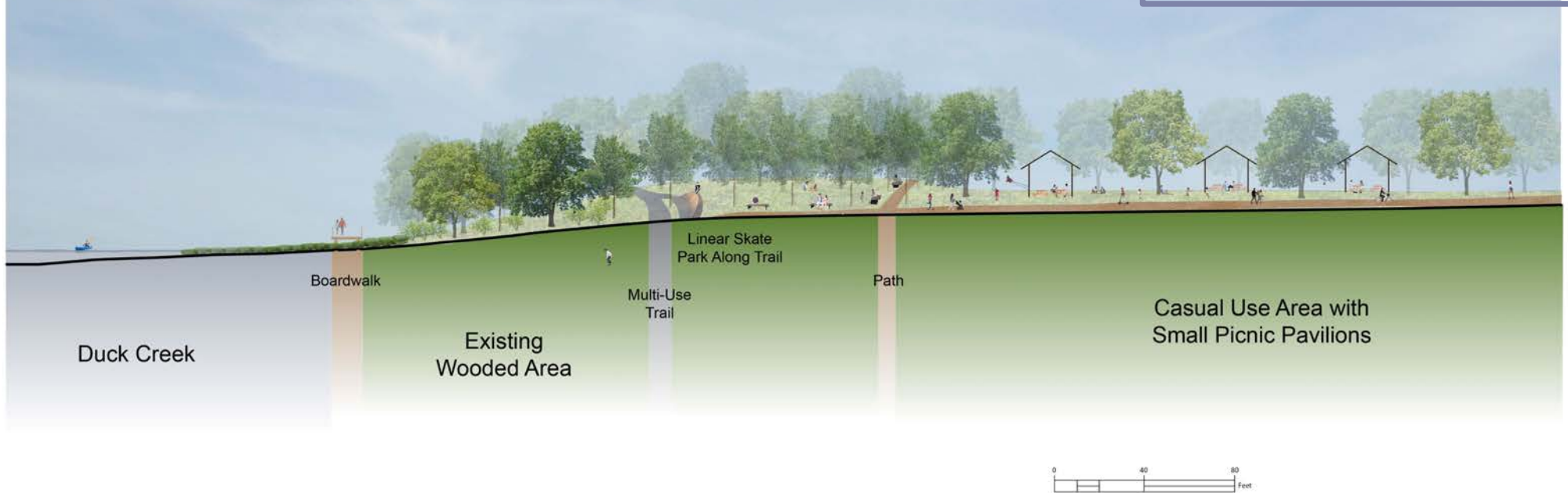
MUNICIPAL PARK COMMON ELEMENTS

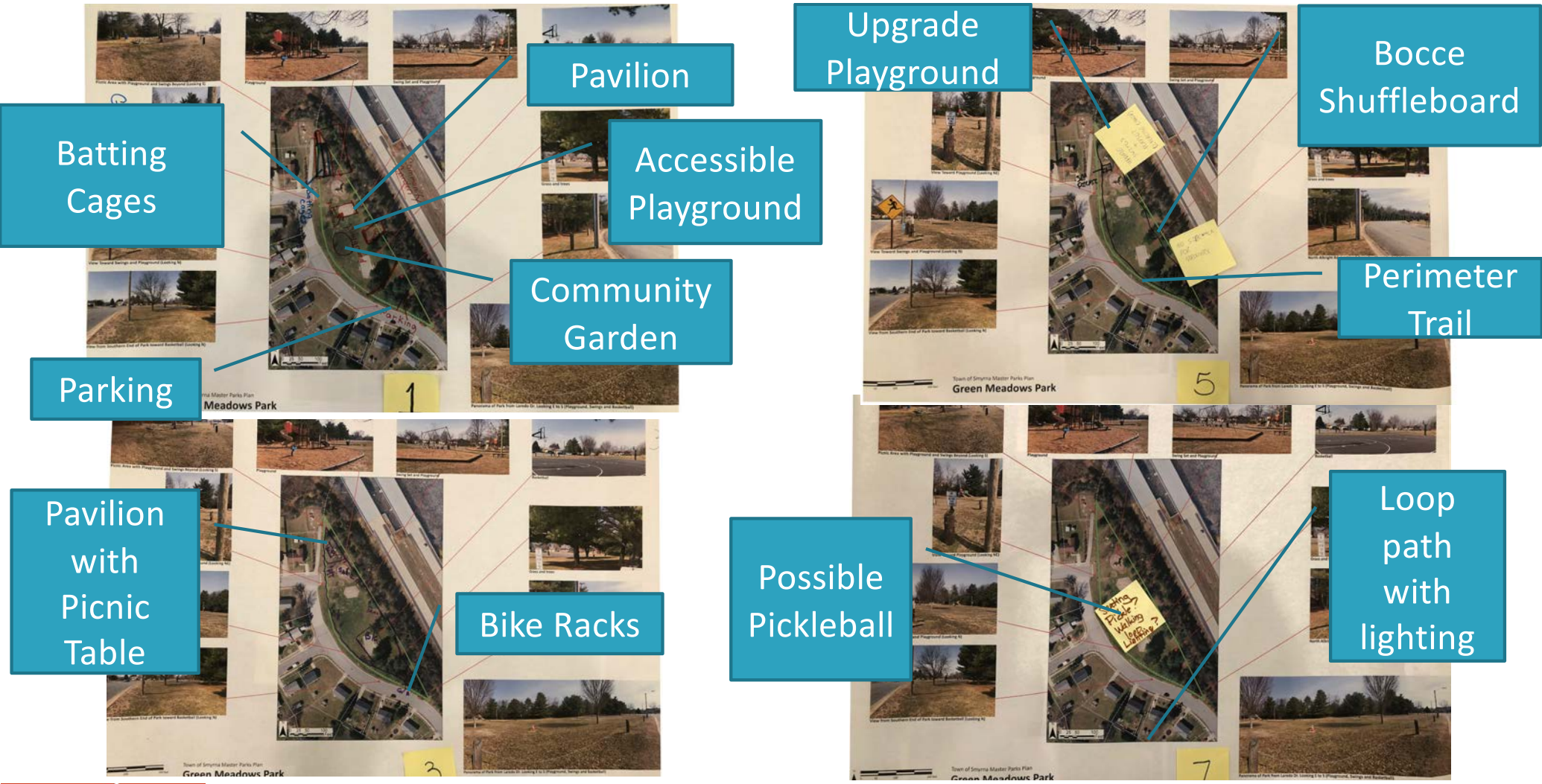


MUNICIPAL PARK OPTION 1 : RENOVATE/EXPAND











**Perimeter
Paved Path**

- Lighting
- Shade
- Benches





On-Street Parking

- Bulbouts with Crosswalks
- 8-10 spaces

Expanded Play Area

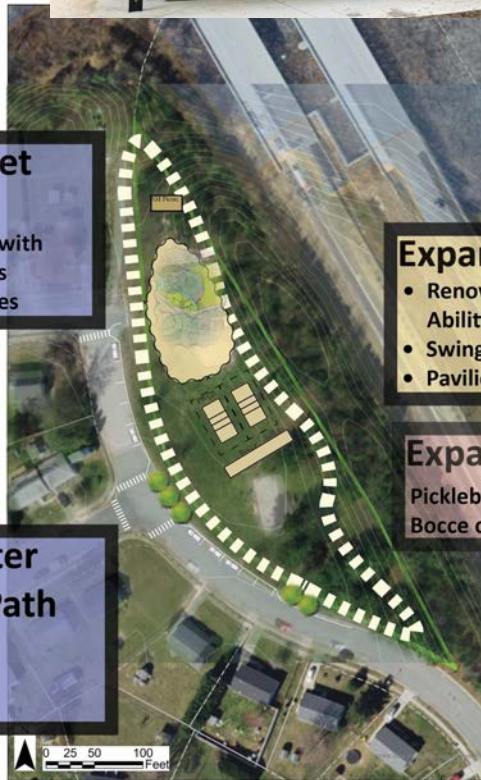
- Renovated All Ages and Abilities Playgrounds
- Swings
- Pavilion with table for shade

Expanded Court

- Pickleball
- Bocce or Horseshoe Pit

Perimeter Paved Path

- Lighting
- Shade
- Benches





Playground+Art

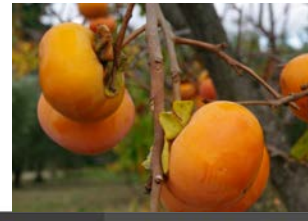


All-Ages and Abilities



Nature





Community Garden

- Four space parking and equipment drop off
- Shady area with bench
- Garden plots



Relocate Play Area

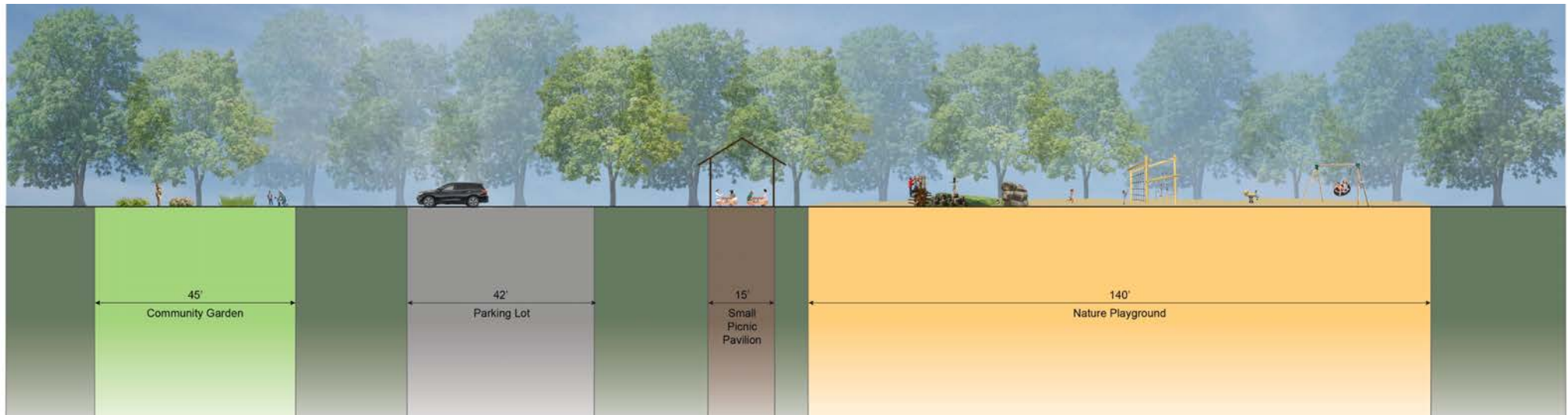
- Renovated All Ages and Abilities Playground
- Swings
- Pavilion with table for shade



Perimeter Paved Path

- Lighting
- Shade
- Benches

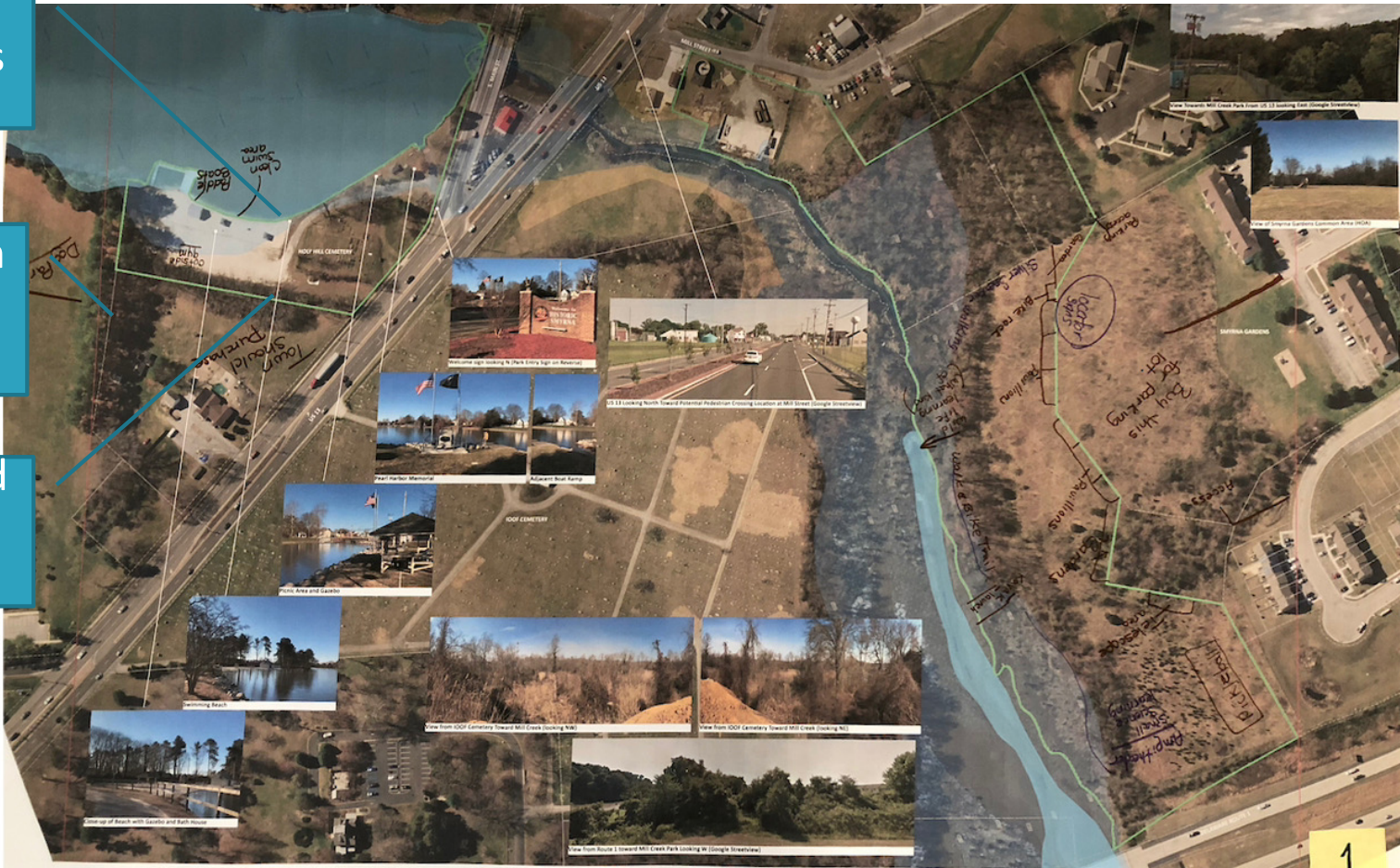




Beach with
small boats
for rent

Dog Park on
gifted state
land

Expand and
Define
parking







Hammock Area

Slide into Lake

Splash Pad

Splash Pad

Playground

Indoor Facility?



View North toward Mill Street (Google)



View South toward Mill Creek (Google)





Park Addition

Sand Volleyball
Open grass and trees
Pavilion w/integral access route

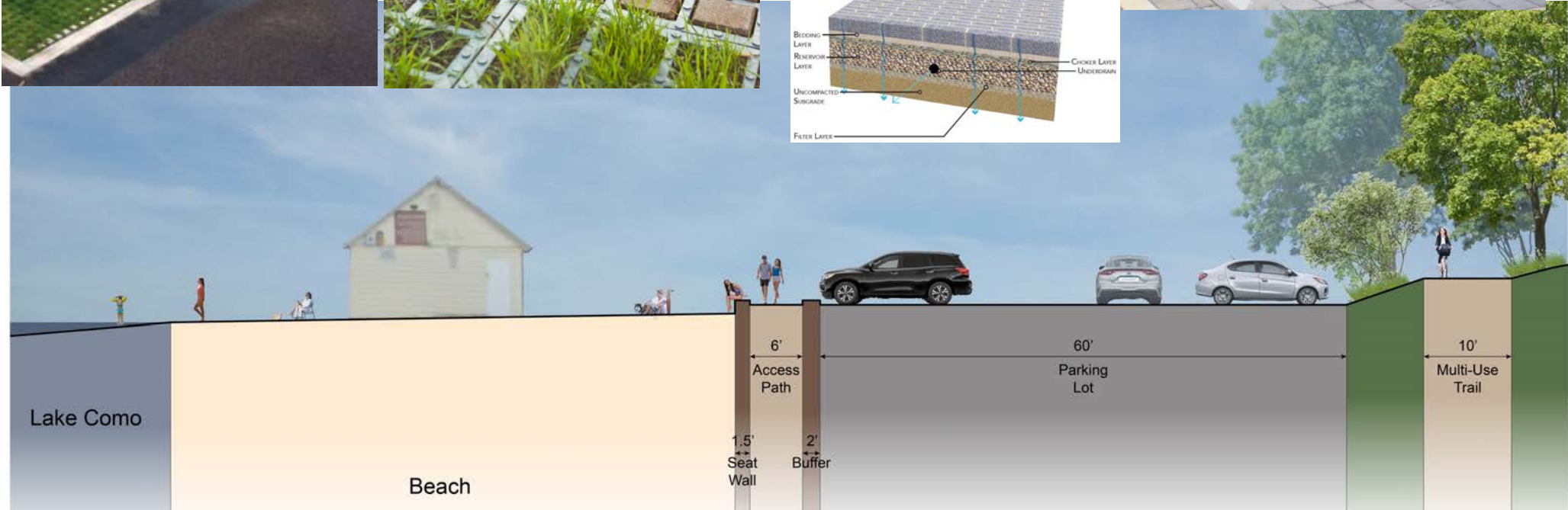
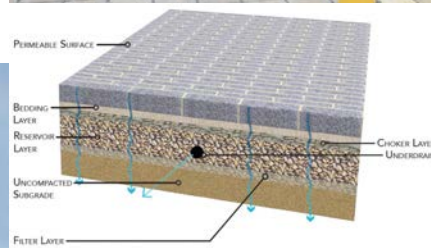
Parking

56 paved spaces including ADA
May require low wall
Pervious pavement for SWM

Beach

Renovate Beach House
Large picnic pavilion
Canoe/Kayak/Paddleboat rental

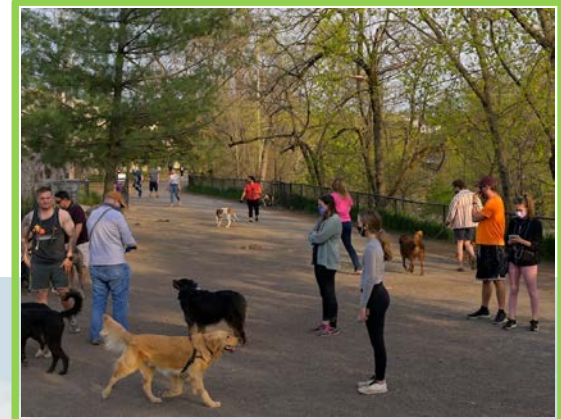




LAKE COMO: EARLY ACTION PARKING IDEAS







View south from Mill Street (Google)





Flower Garden

Pickleball /
Small Picnic Area

Vegetable
Garden

Large Picnic
Pavilion

Landscaped
Buffer

Shaded Trail w/
Benches

SUNNYSIDE/BON AYER IDEAS (3/12/22)



Open Field Area
(very passive, no
lines)

Ornamental
Gardens

Shaded trail with
benches, little
library

Splash Pad

Gazebo w/
bathroom

“pervious” edge
trees/shrubs/big
boulders



Accessible
bathroom,
locker room,
solar panels?

Pergola, seating,
trees and shrubs
Bird feeders

Tennis Courts
Picnic Areas
Gazebo

Shaded trail with
benches



Football field,
rectangular field,
basketball court,
pool

Skate Park, Dog
Park,
playgrounds
with splash
pads,
community
garden,
diamond field

Sprayground

Splash pad and playground
Additional shade trees



Community Garden

Garden plots
Community orchard
Shade pavilion



Open Grassy Area

Casual use
Informal lawn activities (e.g.
frisbee, croquet, whiffle ball)

Paved Pathway Loop

Shade trees and benches
Flower gardens
Butterfly gardens/pollinators

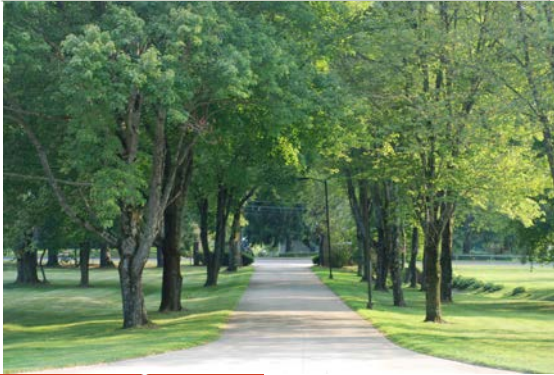
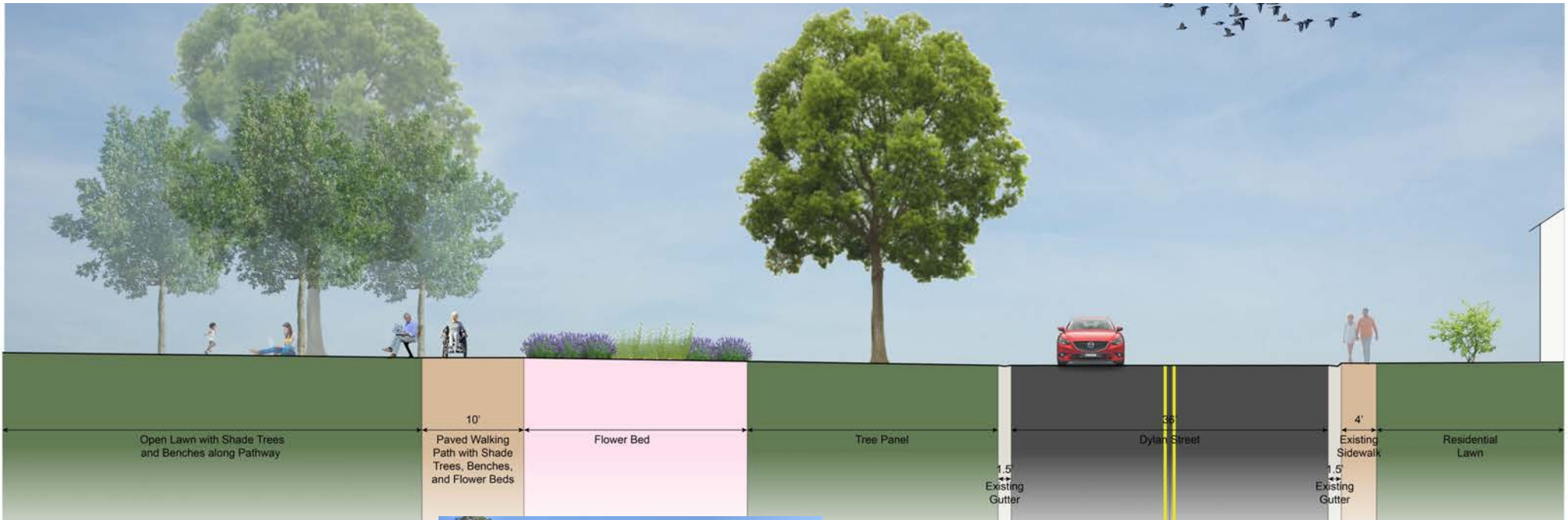


Small Court Area

Bocce
Shuffleboard
Shade pavilion



SUNNYSIDE/BON AYER CORE CONCEPTS



BON AYER CONCEPTS

L/KLA

Sprayground

Splash pad and playground
Additional shade trees

Group Picnic Pavilion

Family reunions, weddings, etc.
Restrooms and kitchen hookup
Additional pathways for access



Open Grassy Area

Casual use
Informal lawn activities (e.g.
frisbee, croquet, whiffle ball)

Paved Pathway Loop

Shade trees and benches
Flower gardens
Butterfly gardens/pollinators

Dog Park + Parking

Large and small dog areas
20-space parking area
Additional pathways for access

Community Garden

Garden plots
Community orchard
Shade pavilion

Expanded Courts

Pickleball
Shaded gathering area

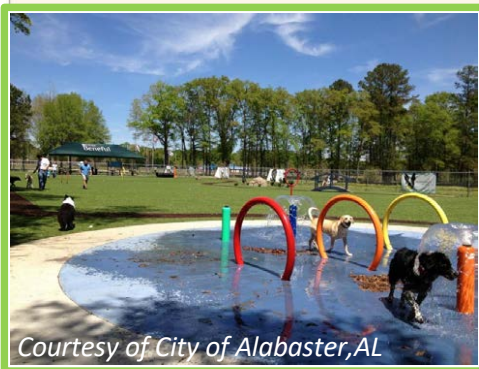
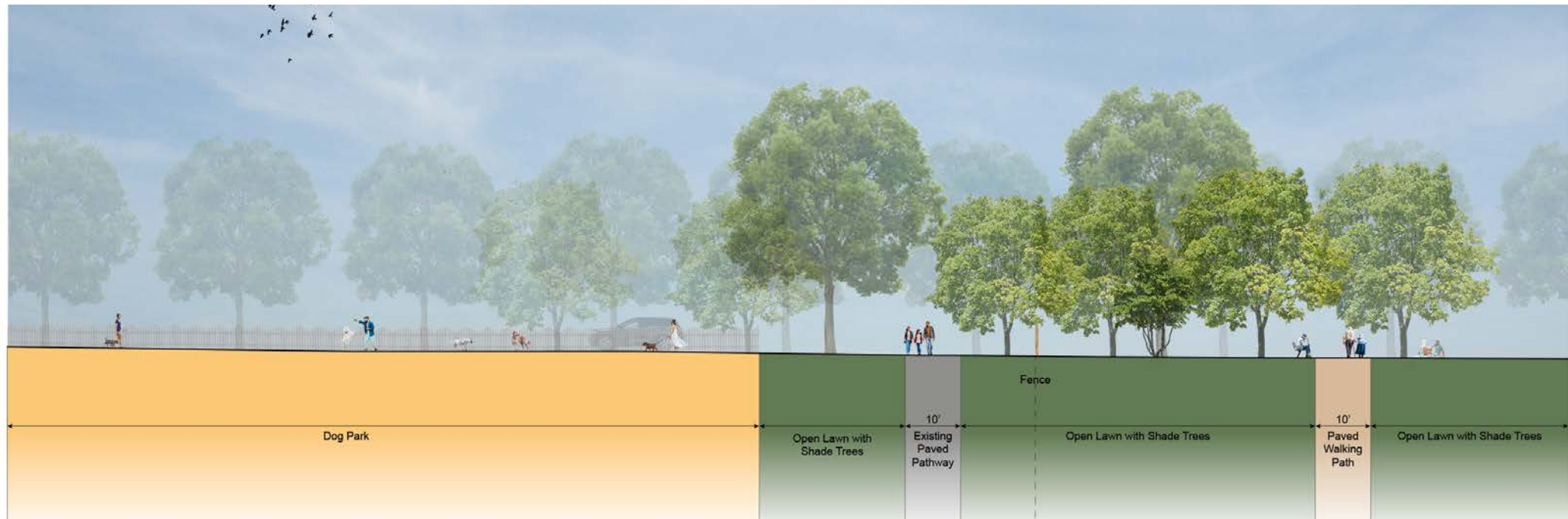
Small Court Area

Bocce
Shuffleboard
Shade pavilion



L/KLA

SUNNYSIDE/BON AYER EXPANDED CONCEPTS



L/KLA

SUNNYSIDE/BON AYER CONCEPTS